

OLD TRAILS  
DEMOLITION  
P.O. BOX 3847  
KINGMAN, AZ 86402  
(928) 753-2957  
FAX (928) 753-5533

ASBESTOS TESTING REPORT

FOR:

CITY OF KINGMAN  
ATTENTION: JIM MCERLEAN  
410 PARK STREET - REAR HOUSE  
KINGMAN, AZ

REPORT DATE: NOVEMBER 25, 2015

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OLD TRAILS DEMOLITION  
P.O. BOX 3847  
KINGMAN, AZ 86402  
(928) 753-2957  
FAX (928) 753-5533

November 25, 2015

City of Kingman  
310 N. 4th Street  
Kingman, AZ 86401

Dear Jim McErlean:

Upon your request, on November 16th, Old Trails performed a thorough inspection of suspect ACM's for areas where renovation or demolition is to be performed. Please see attached report for the results.

Should you have any questions on the findings or recommendations of this report, feel free to contact Rob Lackey, Certified AHERA Building Inspector at Old Trails Demolitions at (928) 753-2957.

Sincerely,



Rob Lackey  
AHERA Building Inspector #G2614

## I. Scope of Work

Old Trails was hired to perform an asbestos inspection for City of Kingman at 410 Park Street - Rear House, Kingman, AZ. We performed inspection and bulk sampling on November 16th, 2015 per information provided by Jim McErlean.

The purpose of asbestos inspection was to ascertain the presence of asbestos or to prove materials being disturbed in project are negative for asbestos prior to renovation or demolition. If any suspect material is found that was not listed, please contact us for further testing.

## II. Building Description

The property tested is a single story residential house.

## III. Inspection Methods

A total of thirteen (13) bulk samples were collected in various areas of the single story residential house. A identification number was used for each sample. A total of 13 samples were analyzed (including all layers), results are reported and can be found attached in Appendix A.

## IV. Laboratory Analytical Method

The bulk samples were submitted to LA Testing, to be analyzed for asbestos content by Polarized Light Microscopy using the EPA method 600/R-93/116. LA Testing is accredited under the NIST/NVLAP program for asbestos in bulk material.

To ensure valid and reliable results and to monitor samples during collection, shipment, testing and subsequent disposal phase of potentially asbestos-containing materials, Old Trails, has established a quality assurance program for the collection and submittal of bulk samples. This program consists of:

- Creation of chain of custody form to keep track of the samples always by assigning responsibility for each phase of the data collection and analysis process to a specific person.

- Use of EPA-accredited laboratories that participate in the National Voluntary Laboratory Accreditation Program (NVLAP) sponsored by to National Institute of Standards and Technology for asbestos testing.

## V. Results of Investigation


In accordance with the Environmental Protection Agency (EPA), any construction material containing more than one percent asbestos by weight is considered an Asbestos Containing Material (ACM). In addition, according to policies developed for schools, by the EPA, a homogenous material is considered to contain asbestos, when asbestos is detected in one or more samples of the subject material.

Table 1 - summarizes the homogenous areas inspected and sampled and presents the laboratory results.

Notes from inspector:

In conclusion, all twenty samples came back negative for asbestos.

Sincerely,



Rob Lackey

AHERA Building Inspector

		TABLE 1					
		ASBESTOS RESULTS					
		410 PARK STREET - REAR HOUSE					
Area Tested	Type of Material	Sample #	Locations	Quantity	Condition	PLM Results	Percent
Exterior	Stucco	1 - 1	Stucco	N/A	Good	ND	0%
Exterior	Stucco	1 - 2	Stucco	N/A	Good	ND	0%
Exterior	Stucco	1 - 3	Stucco	N/A	Good	ND	0%
Exterior	Roof	2 - 1	Roof	N/A	Good	ND	0%
Exterior	Roof	2 - 2	Roof	N/A	Good	ND	0%
Exterior	Roof	2 - 3	Roof	N/A	Good	ND	0%
Interior	Drywall	3 - 1	NE Room	N/A	Good	ND	0%
Interior	Drywall	3 - 2	Back Far East	N/A	Good	ND	0%
Interior	Drywall	3 - 3	Back Far West	N/A	Good	ND	0%
Interior	Tile	4 - 1	Tile	N/A	Good	ND	0%
Interior	Tile	4 - 2	Tile	N/A	Good	ND	0%
Interior	Grout	5 - 1	Grout	N/A	Good	ND	0%
Interior	Grout	5 - 2	Grout	N/A	Good	ND	0%

APPENDIX A  
LABORATORY ANALYTICAL REPORT  
&  
CHAIN OF CUSTODY



## LA Testing

82 West Sierra Madre Boulevard Sierra Madre, CA 91

Tel/Fax: (626) 355-4711 / (626) 355-4497

http://www.LATesting.com / sierramadrelab@latesting.co

LA Testing Order: 451500818

Customer ID: OTRL42

Customer PO:

Project ID:

**Attention:** Rob Lackey  
Old Trails  
301 S. 4th Street  
Kingman, AZ 86401

**Phone:** (928) 753-2957

**Fax:**

**Received Date:** 11/19/2015 12:00 PM

**Analysis Date:** 11/24/2015

**Collected Date:** 11/16/2015

**Project:** 410 Park Street - Rear House

### Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
1-1 451500818-0001	Stucco - N/A	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1-2 451500818-0002	Stucco - N/A	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1-3 451500818-0003	Stucco - N/A	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2-1 451500818-0004	Roof - N/A	White/Black Fibrous Heterogeneous	20% Cellulose 20% Glass	60% Non-fibrous (Other)	None Detected
2-2 451500818-0005	Roof - N/A	White/Black Fibrous Heterogeneous	20% Cellulose 20% Glass	60% Non-fibrous (Other)	None Detected
2-3 451500818-0006	Roof - N/A	Gray/White Fibrous Heterogeneous	20% Cellulose 20% Glass	60% Non-fibrous (Other)	None Detected
3-1 451500818-0007	Drywall - NE room	White/Pink Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
3-2 451500818-0008	Drywall - Back far east	White Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
3-3 451500818-0009	Drywall - Back far west	White Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
4-1 451500818-0010	Tile - N/A	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4-2 451500818-0011	Tile - N/A	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
5-1 451500818-0012	Grout - N/A	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
5-2 451500818-0013	Grout - N/A	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected





## LA Testing

82 West Sierra Madre Boulevard Sierra Madre, CA 91

Tel/Fax: (626) 355-4711 / (626) 355-4497

http://www.LATesting.com / sierramadrelab@latesting.co

LA Testing Order: 451500818

Customer ID: OTRL42

Customer PO:

Project ID:

### Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type

Analyst(s)

Guillermo Hernandez (13)

Arturo Casas Laboratory Manager  
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by LA Testing Sierra Madre, CA NVLAP Lab Code 102116-0, CA ELAP 1269

Initial Report From: 11/24/2015 17:22:26

PLM - 1.65 Printed: 11/24/2015 2:22 PM



# Asbestos Chain of Custody


## LA Testing Order Number (Lab Use Only):

**451500818**

LA TESTING  
82 W. SIERRA MADRE  
SIERRA MADRE, CA 91024  
PHONE: (626) 355-4711  
FAX: (626) 355-4497

Company : Old Trails		LA Testing-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 301 S. 4 <sup>th</sup> Street		Third Party Billing requires written authorization from third party	
City: Kingman	State/Province: AZ	Zip/Postal Code: 86401	Country: USA
Report To (Name): Rob Lackey		Fax #: 928-753-5533	
Telephone #: 928-753-2957		Email Address: oldtrails@npgcable.com	
Project Name/Number: <u>410 Park Street - Rear House</u>			
Please Provide Results: <input type="checkbox"/> Fax <input type="checkbox"/> Email <input type="checkbox"/> Purchase Order:		U.S. State Samples Taken:	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input checked="" type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*For TEM Air 3 hours through 6 hours, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with LA Testing's Terms and Conditions located in the Analytical Price Guide.</small>			
<b>PCM - Air</b> <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA <b>PLM - Bulk (reporting limit)</b> <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		<b>TEM - Air</b> <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 <b>TEM - Bulk</b> <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 <b>TEM - Water:</b> EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		<b>TEM- Dust</b> <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) <b>Soil/Rock/Vermiculite</b> <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) <b>Other:</b> <input type="checkbox"/>	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name:		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
	* Please See attached *		
Client Sample # (s):		Total # of Samples: <u>13</u>	
Relinquished (Client):		Date:	Time:
Received (Lab): <u>[Signature]</u> <u>USPS</u>		Date: <u>11.19.15</u>	Time: <u>12:00 PM</u>
Comments/Special Instructions:		<u>NOON</u>	

## Request for Laboratory Services / Chain of Custody - Asbestos

Send Report To	Rob or Julie Lackey	Hygeia Laboratories Inc	
Company Name	Old Trails	801 W. Sierra Madre Blvd	
Company Address	P.O. Box 3847	Sierra Madre, CA 91024	
City State Zip	Kingman, AZ 86402	(626) 355-4711	
Phone	(928) 753-2957 Fax (928) 753-5533	(626) 355-4497 Fax	www.hygeialaboratories.com
Cell Pager	(928) 716-6874	Hygeia Reference #	
Client Project Name	410 Park Street-Rear House		
Client Project #		Samples Submitted	<input checked="" type="checkbox"/> 3
Purchase Order #		Samples Analyzed	
Send Report Via	<input type="checkbox"/> Email <input checked="" type="checkbox"/> Fax <input type="checkbox"/> Verbal Results?	<input type="checkbox"/> Do you require a mailed report?	
Email Address	oldtrails@npccable.com		
Turnaround Time	<input checked="" type="checkbox"/> Normal (3-5 business days) <input type="checkbox"/> Next Day (24 hrs) <input type="checkbox"/> Same Day (Rush) <input type="checkbox"/> Weekend Rush		
Type of Sample	<input type="checkbox"/> Air <input type="checkbox"/> Bulk <input type="checkbox"/> Dust (microvac) <input type="checkbox"/> Dust (wipe) <input type="checkbox"/> Soil <input type="checkbox"/> Paint <input type="checkbox"/> Water <input type="checkbox"/> Other		
<b>Asbestos (Optical)</b>		<b>Asbestos (TEM)</b>	
<input type="checkbox"/> PLM	<input type="checkbox"/> AHERA	<input type="checkbox"/> Qualitative Dust	<input type="checkbox"/> Qualitative Bulk
<input type="checkbox"/> PLM Point Count 400 pts	<input type="checkbox"/> EPA Level II	<input type="checkbox"/> Quantitative Dust	<input type="checkbox"/> Semi-Quantitative Bulk
<input type="checkbox"/> PLM Point Count 1000 pts	<input type="checkbox"/> NIOSH 7402 (PCM Equiv)	<input type="checkbox"/> Drinking Water (potable)	<input type="checkbox"/> Full Quantitative Bulk
<input type="checkbox"/> PCM	<input type="checkbox"/> ISO 10312	<input type="checkbox"/> Drinking Water (non-potable)	
		<input type="checkbox"/> Particle Characterization	<input type="checkbox"/> Supplies
<b>Additional Instructions</b>			
See Attached Sample Log			
<b>For Lab Use Only</b>		Sample Integrity	_____ accept _____ reject
Results Reported By		1st Sample #	_____
Date _____	Time _____	Price / Sample	_____
Date _____	Time _____	Initials _____	
Date _____	Time _____	Initials _____	
Date _____	Time _____	Initials _____	
Comments		Invoice #	_____
		Log Out Date	_____
<b>Relinquished By</b> _____ <b>Received By</b> _____ <b>Date</b> _____ <b>Time</b> _____ <b>Reason for Change of Custody</b> _____			
(Signature) _____ (Signature) _____			
Rob Lang			
The sample collector is responsible for ensuring that all samples have been preserved according to the appropriate and applicable methodology.			
Revised 12/1/2007			

OLD TRAILS

SAMPLE LOG - 410 PARK STREET - REAR HOUSE

Collection: November 16, 2015

Collected by: Rob Lackey

1-1 = Stucco

1-2 = Stucco

1-3 = Stucco

2-1 = Roof

2-2 = Roof

2-3 = Roof

3-1 = Drywall - NE Room

3-2 = Drywall - Back Far East

3-3 = Drywall - Back Far West

4-1 = Tile

4-2 = Tile

5-1 = Grout

5-2 = Grout

## APPENDIX B

### LICENSING

# THE ASBESTOS INSTITUTE

Certifies that

**Robert Lackey**

has attended the EPA approved course

**AHERA Building Inspector Refresher**

**Approval Code: CA-089-06**

**January 9, 2015**

and successfully passed the competency exam.

Date of Examination: **1/9/2015**

Date of Expiration: **1/9/2016**



William T. Cavness  
Director



Approved Instructor

**THE ASBESTOS INSTITUTE**

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